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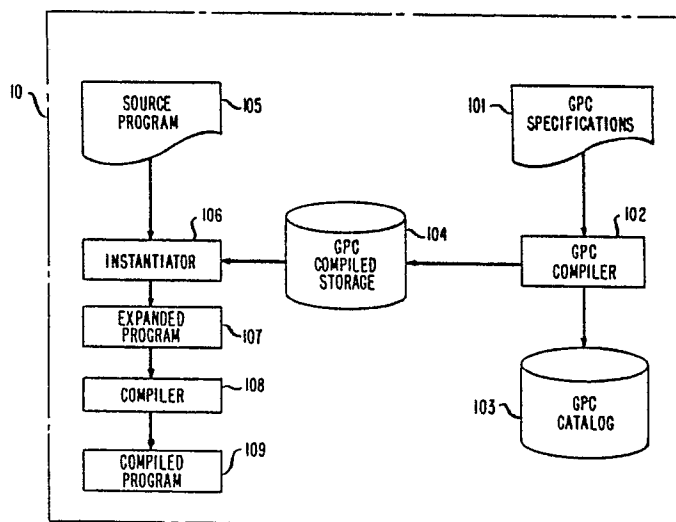
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54 System for generating software source code components.

57 A system has been devised that allows commonly used software components to be designed and developed only once, and reused many times in different applications with different operational contexts and requirements. The system includes a language for the specification of software components in a context-independent generic fashion, a compiler 102 for the specification language and a program for 101, 103, 105-109 for generating concrete software components to work in a specific context.

FIG. 1





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	ELECTRONIC DESIGN, 3rd February 1983, pages 176-194, Rochelle Park, US; W.B. RAUCH-HINDIN: "Reusable software" * Page 192, lines 37-50; pages 184-185 * ---	1,4	G 06 F 9/44
A	IEEE TRANSACTIONS ON SOFTWARE ENGINEERINGS, vol. SE-10, no. 5, September 1984, pages 477-487, IEEE, New York, US; E. HOROWITZ et al.: "An expansive view of reusable software" * Page 481, section A * ---	1,4	
A	IEEE TRANSACTIONS ON SOFTWARE ENGINEERING, vol. SE-10, no. 5, September 1984, pages 498-501, IEEE, New York, US; R.G. LANERGAN et al.: "Software engineering with reusable designs and code" ---		
P,X	PROCEEDINGS OF THE 9TH COMPUTER SOFTWARE & APPLICATIONS CONFERENCE, Chicago, Illinois, 9th-11th October 1985, pages 54-59, IEEE, New York, US; S.K. AFSHAR: "Software reuse via source transformation" * Whole article * -----	1-6	TECHNICAL FIELDS SEARCHED (Int. Cl.4) G 06 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28-11-1989	Examiner GRASLAND B.Y.R.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			